

# Converting Colors

Hex(742D2F)

Have a look what the booklet for  
Hex(742D2F) contains.

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# Color

Hex(742D2F)

# Conversions

## Conversions Part 1

Format	Color
Hex	742D2F
RGB	116, 45, 47
RGB Percent	45%, 18%, 18%
CMY	0.5451, 0.8235, 0.8157
CMYK	0.00, 0.61, 0.59, 0.55
HSL	358°, 44%, 32%
HSV	358°, 61%, 45%
XYZ	8.6539, 5.7950, 3.3518
YIQ	66.4570, 41.6740, 15.6740

# Conversions

## Conversions Part 2

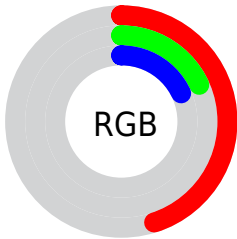
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	116, 45, 47
Decimal	7613743
CIE <sub>Lab</sub>	28.89, 31.45, 14.71
CIE <sub>LCh</sub>	29, 34.721, 25.074
Yxy	5.7950, 0.4862, 0.3255
Android (android.graphics.Color)	4285803823 (0xFF742D2F)
YUV	66.4570, -9.5923, 43.4492
Hunter-Lab	24.0728, 22.0415, 8.5958

# Details

The Hex color **742D2F** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **2D7472**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **AC5E5D**, and **3F0000** is the 20% darker color. If you saturate the color by 10%, you get **742124**, and if you desaturate by 10%, it is **74393A**.

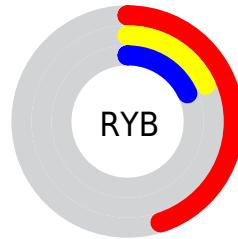
# Distribution



Red (45%)

Green (18%)

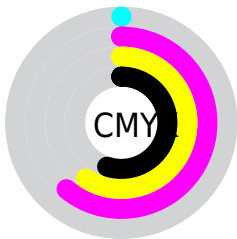
Blue (18%)



Red (45%)

Yellow (18%)

Blue (18%)

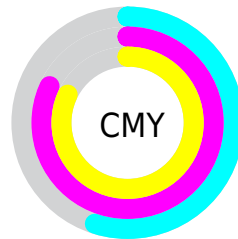


Cyan (0%)

Magenta (61%)

Yellow (59%)

Black (55%)



Cyan (55%)

Magenta (82%)

Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 742D2F changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 742D2F by changing the saturation by 10% instead.



 742D2F

 742D2F

FFFFFF

 59151A

 AC5E5D

 3F0000

 C87775

 280001

 E6928F

 000000

 FFADA9

 FFC8C5

 FFE5E1

FFFFFFD

 742D2F

 742D2F

■ 742124

■ 74393A

■ 741618

■ 744446

■ 740A0D

■ 745051

■ 740003

■ 745B5C

■ 746767

■ 747373

■ 747E7E

■ 748A89

■ 749594

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



722B4A



742D2F



693718

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



742D2F



174E24



00487A

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



742D2F



2D7472

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



004E70



742D2F



00513F

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



742D2F



3C490E



00515A



3C3F75

# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



742D2F



5D3E0C



00515A



004B78



# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



742D2F



967B7C



722D74



4D3C3C



CCCCCC



4D4D4D



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



742D2F



96292C



744E2D



3B3535



7A0003



FA0007



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



742D2F



96292C



2D5374



3B3535



7A0003

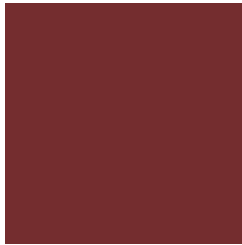


FA0007



# Previews

## White Background



This preview shows how the Hex color 742D2F looks on a white background.

## Color Contrast Check

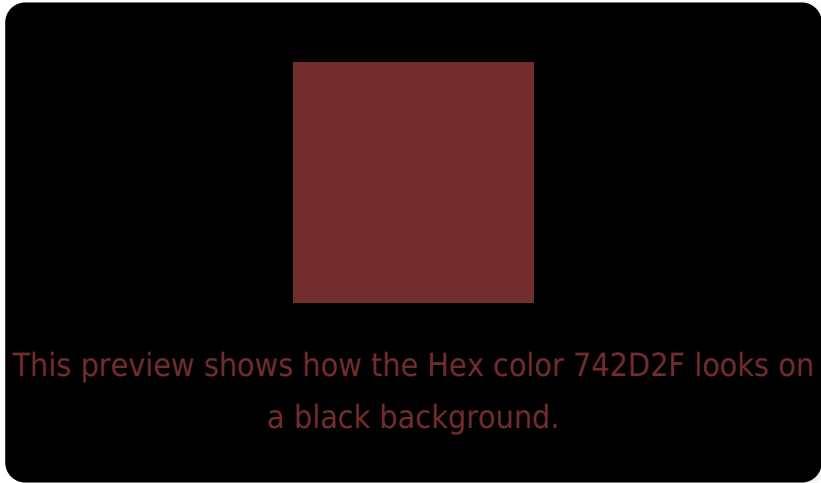
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 742D2F Background



This preview shows how black text looks on a background with the Hex color 742D2F.

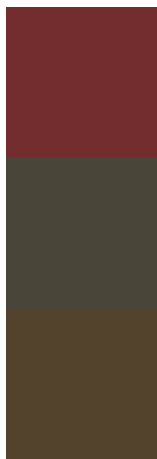


This preview shows how white text looks on a background with the Hex color 742D2F.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy



**Original Color**  
742D2F

**Protanopia**  
494539

**Deuteranopia**  
53422C



**Tritanopia**  
742D30

# Trichromacy



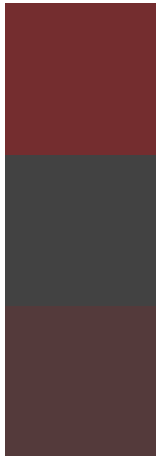
**Original Color**  
742D2F

**Protanomaly**  
593C35

**Deuteranomaly**  
5F3A2D

**Tritanomaly**  
742D30

# Monochromacy



**Original Color**  
742D2F

**Achromatopsia**  
424242

**Achromatomaly**  
543A3B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 742D2F is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #742D2F looks like.

```
.text, #text, p{  
    color:#742D2F  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #742D2F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #742D2F
}
```

## Border

The CSS property to change the border of an element to Hex 742D2F is called "border". The border property can be set on classes, ids or directly on the HTML element.

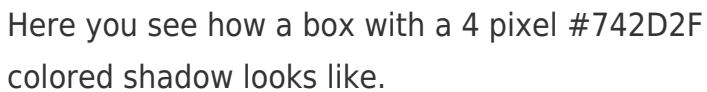
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#742D2F }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#742D2F }
```

If you want to add a box shadow in that color use:



Here you see how a box with a 4 pixel #742D2F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #742D2F; -webkit-box-shadow:4px 4px  
4px 4px #742D2F; box-shadow:4px 4px 4px  
4px #742D2F }
```

# Background

The CSS property to change the background color of an element to Hex 742D2F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#742D2F }
```

If only the background color should be changed can be used:

```
.background{ background-color:#742D2F }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).



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